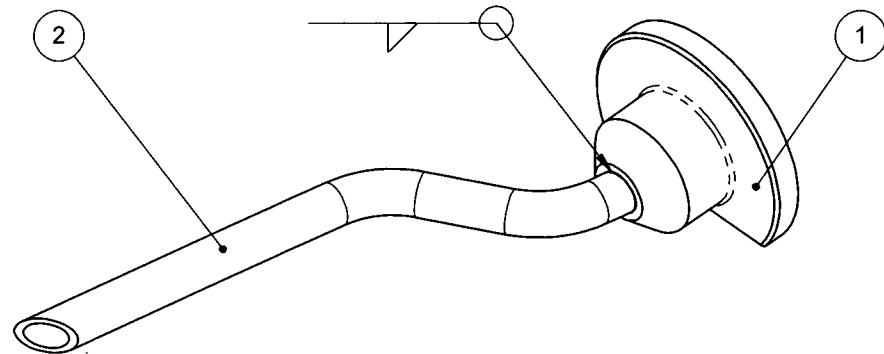


ITEM	QTY -041	P/N	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
	X	D4000-041	DRAIN FITTING ASSEMBLY, AFT	JCA-M47-1-06
1	1	D4000-3	FUEL SUMP DRAIN FITTING	
2	1	D4003-1	INTERNAL DRAIN LINE, AFT	

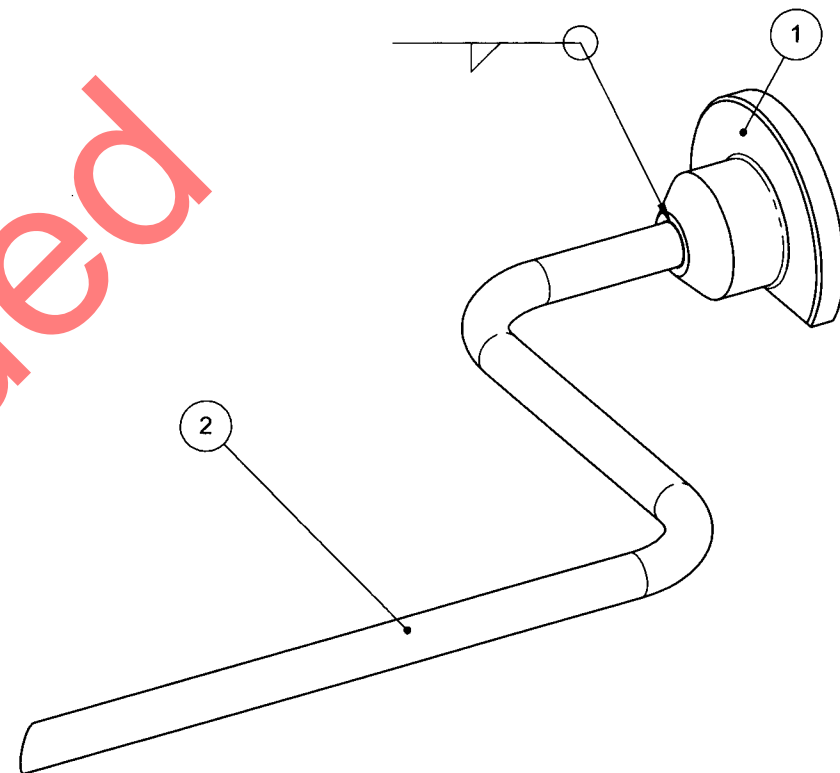


**D4000-041 DRAIN FITTING ASSEMBLY, AFT**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 METHOD 6.6
- 7) WEIGHT: D4000-041 - 0.04 lbs  
D4000-043 - 0.05 lbs
- 8) WELD PER QSI 004

ITEM	QTY -043	P/N	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
	X	D4000-043	DRAIN FITTING ASSEMBLY, FWD	JCA-M47-1-15
1	1	D4000-3	FUEL SUMP DRAIN FITTING	
2	1	D4003-3	INTERNAL DRAIN LINE, FWD	

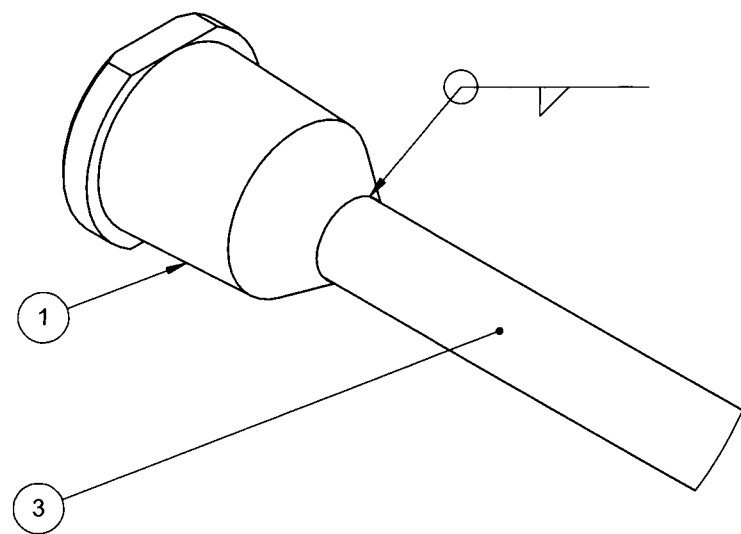


**D4000-043 DRAIN FITTING ASSEMBLY, FWD**

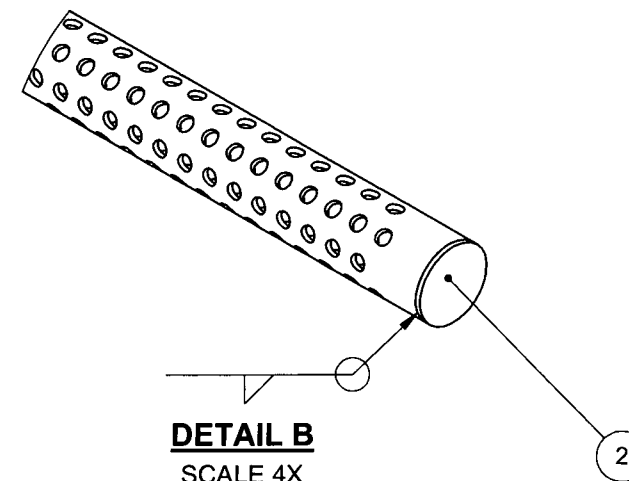
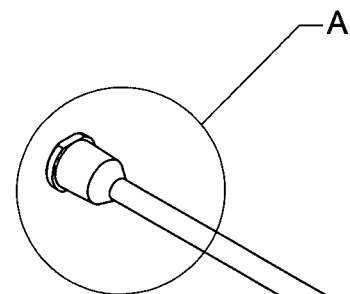
**RELEASED**  
2014-07-17  
*[Signature]*

C	REMOVED COUNTERSINK FROM D4000-1 (ZNC5-3) ADD CHEMICAL CONVERSION COAT TO NOTE 2, SHEET 3	ML	14.06.27
B	RE-DESIGN D4000-1 TO BE RIVETED (ZNC5-3) UPDATED BOM FORMAT ON SHEET 1 AND 2, UPDATE NOTE 6	ML	14.05.30
A	NEW ISSUE	HS	10.02.10
REV.	DESCRIPTION	BY	DATE
DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ML		
CHECKED	CP	DRAWING NO.	REV. C
MFG. APPR.	DD	<b>D4000</b>	SHEET 1 OF 8
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	<b>FITTING</b>	NTS
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ITEM	QTY -041	P/N	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
	X	D4000-045	FUEL PICK UP FITTING ASSEMBLY	JCA-M47-1-10
1	1	D4000-7	FUEL PICK UP FITTING	
2	1	D4000-11	CAP	
3	1	D4003-5	FUEL PICK UP LINE	



DETAIL A  
SCALE 4X



DETAIL B  
SCALE 4X

Superseded

D4000-045 FUEL PICKUP FITTING ASSEMBLY

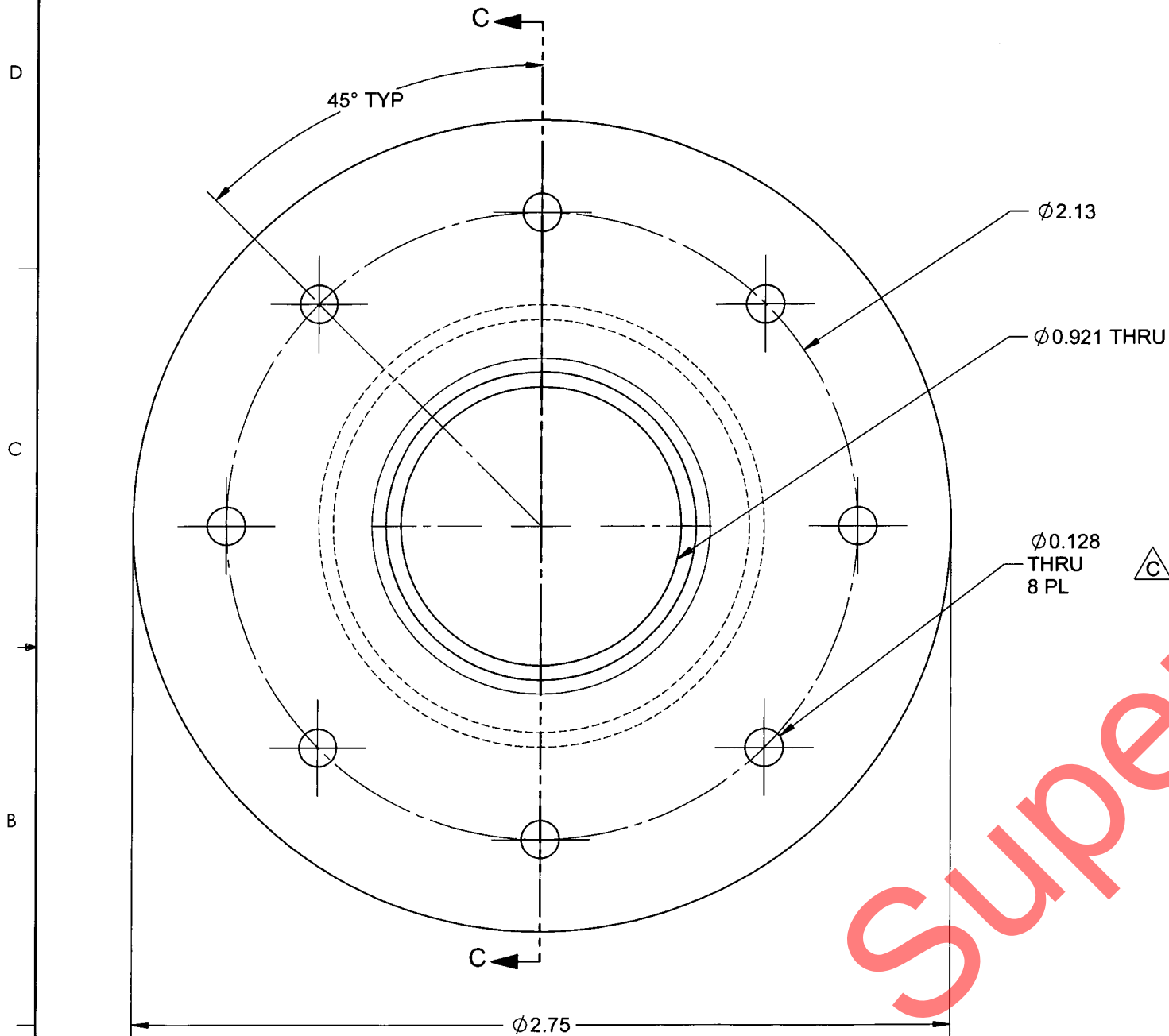
RELEASED  
2014-07-17  
WPD

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 METHOD 6.6
  - 7) WEIGHT: 0.27 lbs
  - 8) WELD PER QSI 004

APPROVED

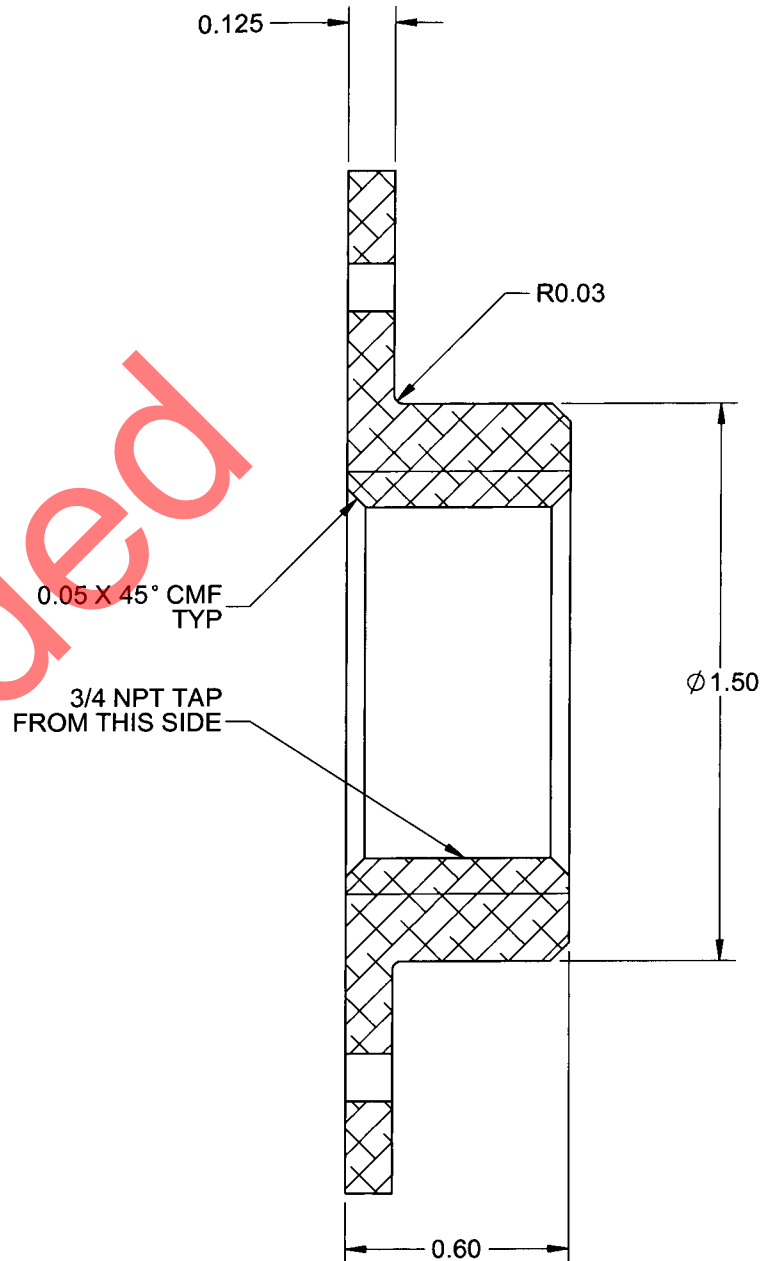
DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ML		
CHECKED	CP	DRAWING NO. D4000	REV. C
MFG. APPR.	DD		SHEET 2 OF 8
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	FITTING	NTS
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DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4000-1	JCA-M47-1-04



**D4000-1 FUEL SUPPLY FITTING**

- NOTES:
- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR PER AMS-QQ-A-200/8 (OR AMS 4160) REF DART SPEC M6061T6R
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 METHOD 6.7
  - 7) WEIGHT: 0.11 lbs

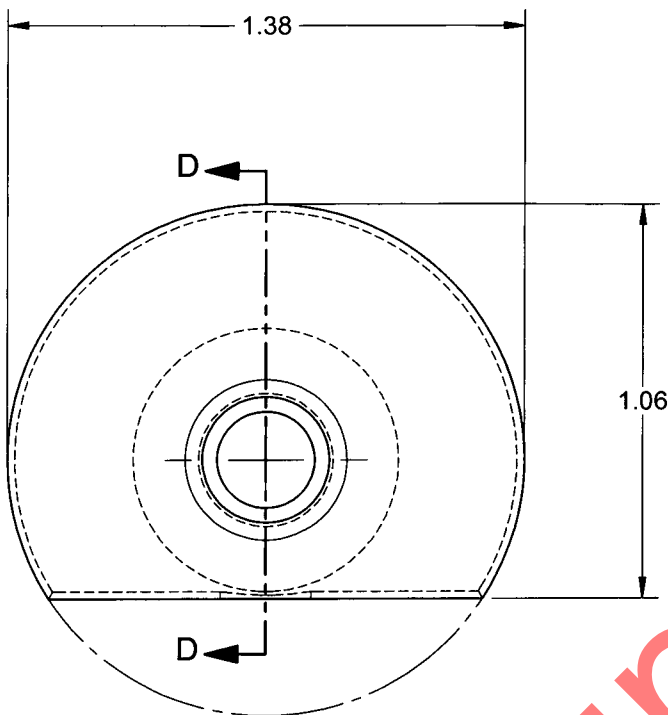
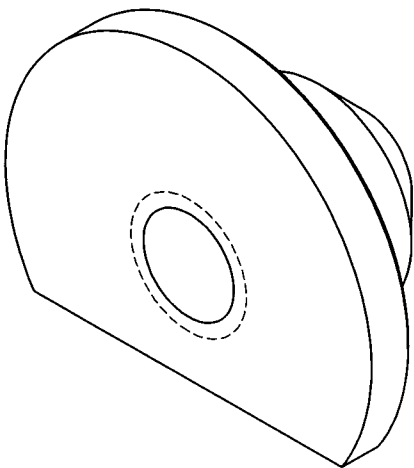


**SECTION C-C**

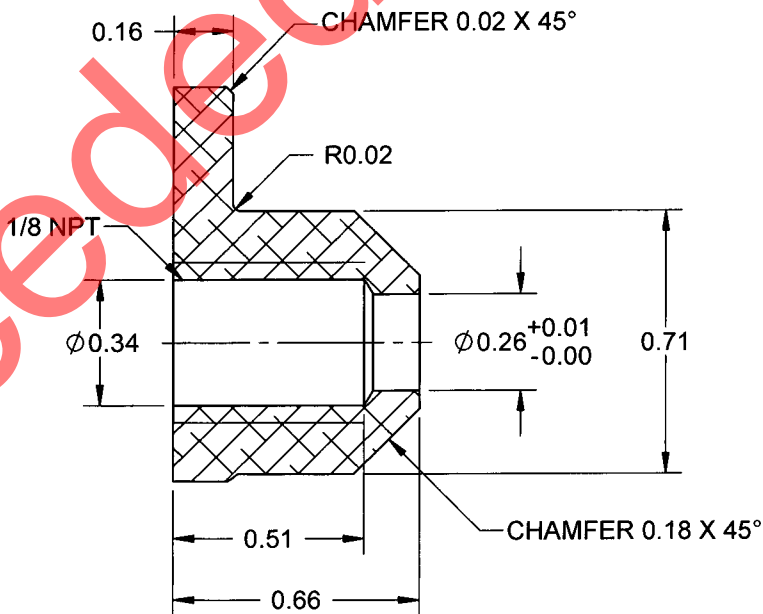
**RELEASED**  
2014-07-17

APPROVED	DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
	DRAWN	ML		
	CHECKED	CP	DRAWING NO. <b>D4000</b>	REV. C
	MFG. APPR.	DD	SHEET 3 OF 8	
	APPROVED	MP	TITLE	SCALE
	DE APPR.	DS	<b>FITTING</b>	NTS
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DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4000-3	JCA-M47-1-05



D4000-3 FUEL SUMP DRAIN FITTING



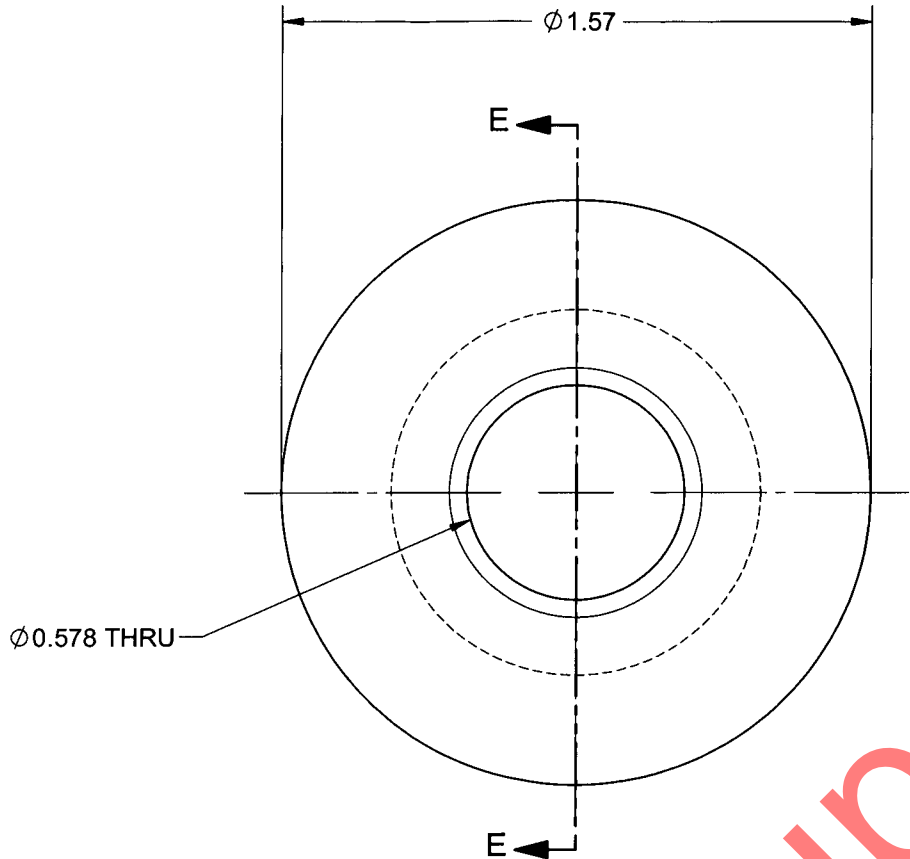
SECTION D-D

RELEASED  
2014-07-17

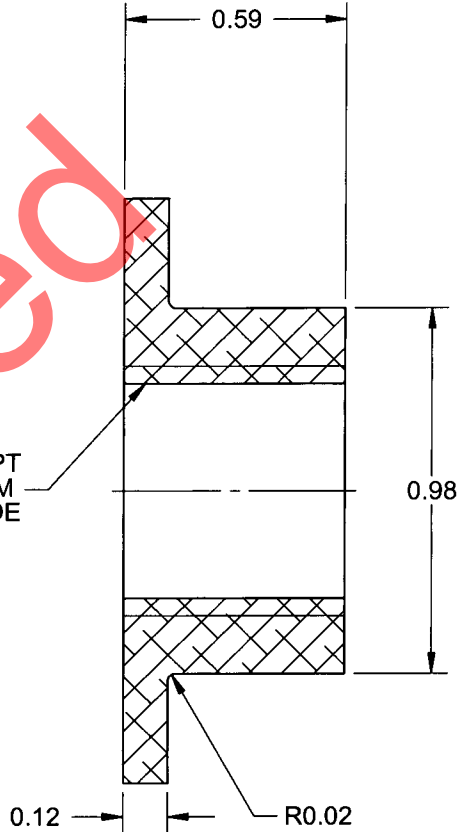
- NOTES:
- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR  
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR  
PER AMS-QQ-A-200/8 (OR AMS4160)  
REF DART SPEC M6061T6R
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.03 lbs

APPROVED	DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
	DRAWN	ML		
	CHECKED	CP	DRAWING NO. <b>D4000</b>	REV. C
	MFG. APPR.	DD	SHEET 4 OF 8	
	APPROVED	MP	TITLE	SCALE
	DE APPR.	DS	<b>FITTING</b>	NTS
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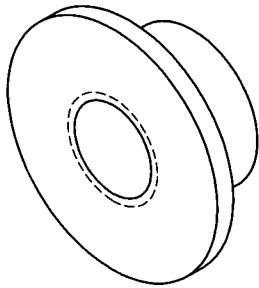
DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4000-5	JCA-M47-1-09



**D4000-5 FUEL TANK VENT FITTING**



**SECTION E-E**

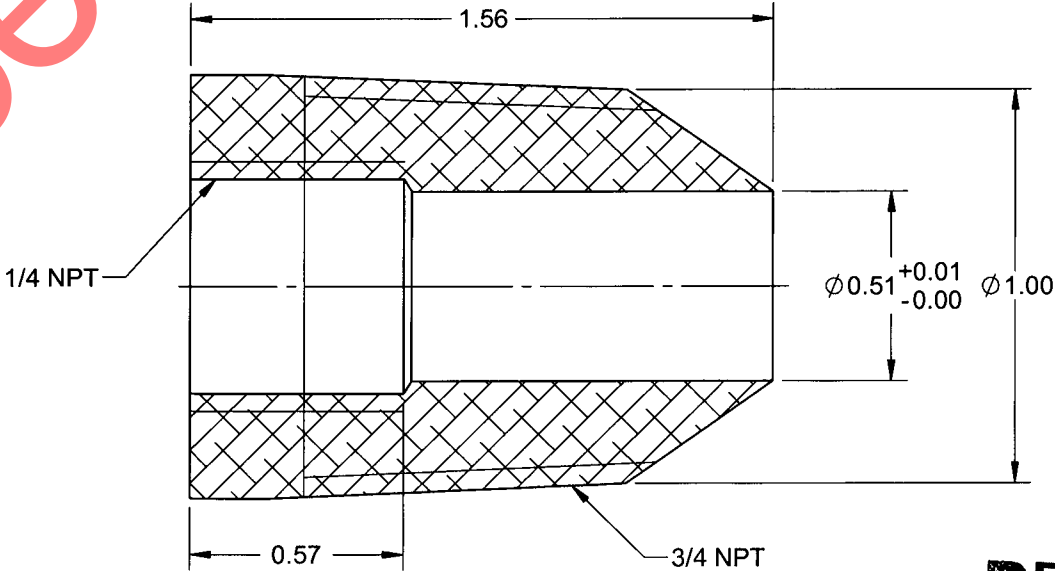
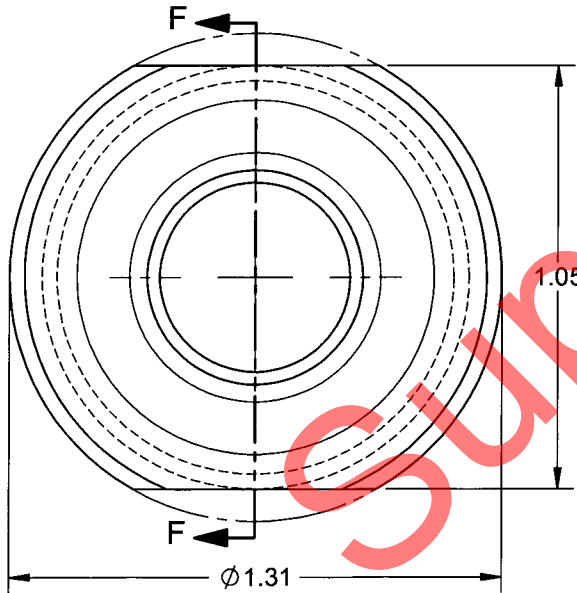
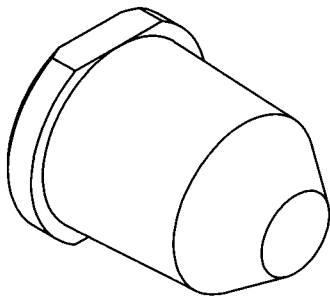
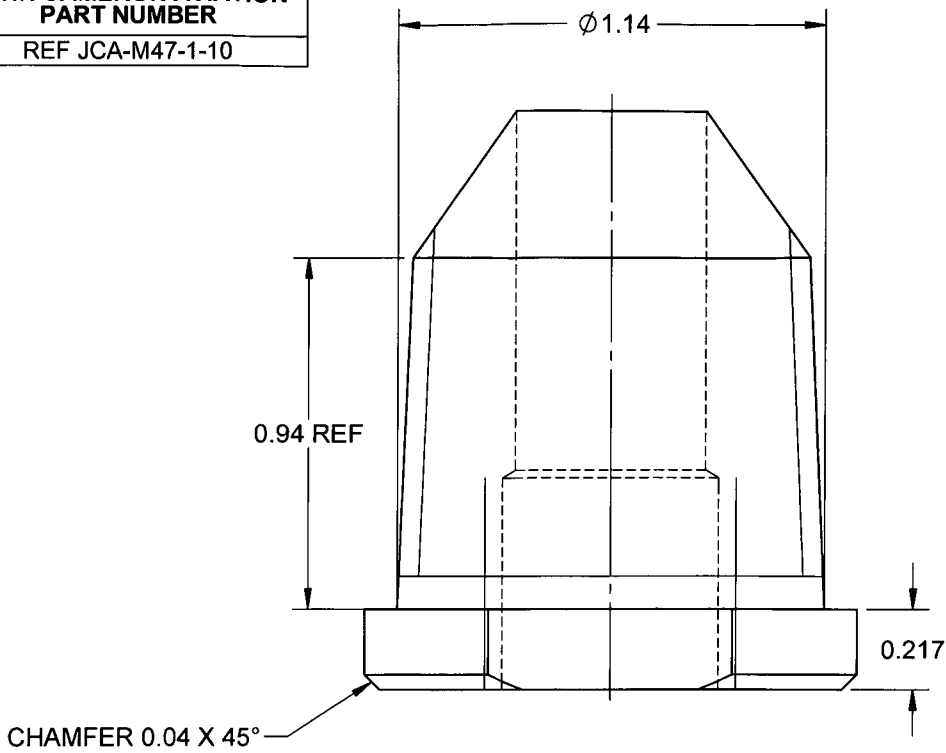


- NOTES:
- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR  
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR  
PER AMS-QQ-A-200/8 (OR AMS 4160)  
REF DART SPEC M6061T6R
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 METHOD 6.7
  - 7) WEIGHT: 0.04 lbs

APPROVED	DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
	DRAWN	ML		
	CHECKED	CP	DRAWING NO.	REV. C
	MFG. APPR.	DD	<b>D4000</b>	SHEET 5 OF 8
	APPROVED	MP	TITLE	SCALE
	DE APPR.	DS	<b>FITTING</b>	NTS
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2014-07-17

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4000-7	REF JCA-M47-1-10



SECTION F-F

D4000-7 FUEL PICK UP FITTING

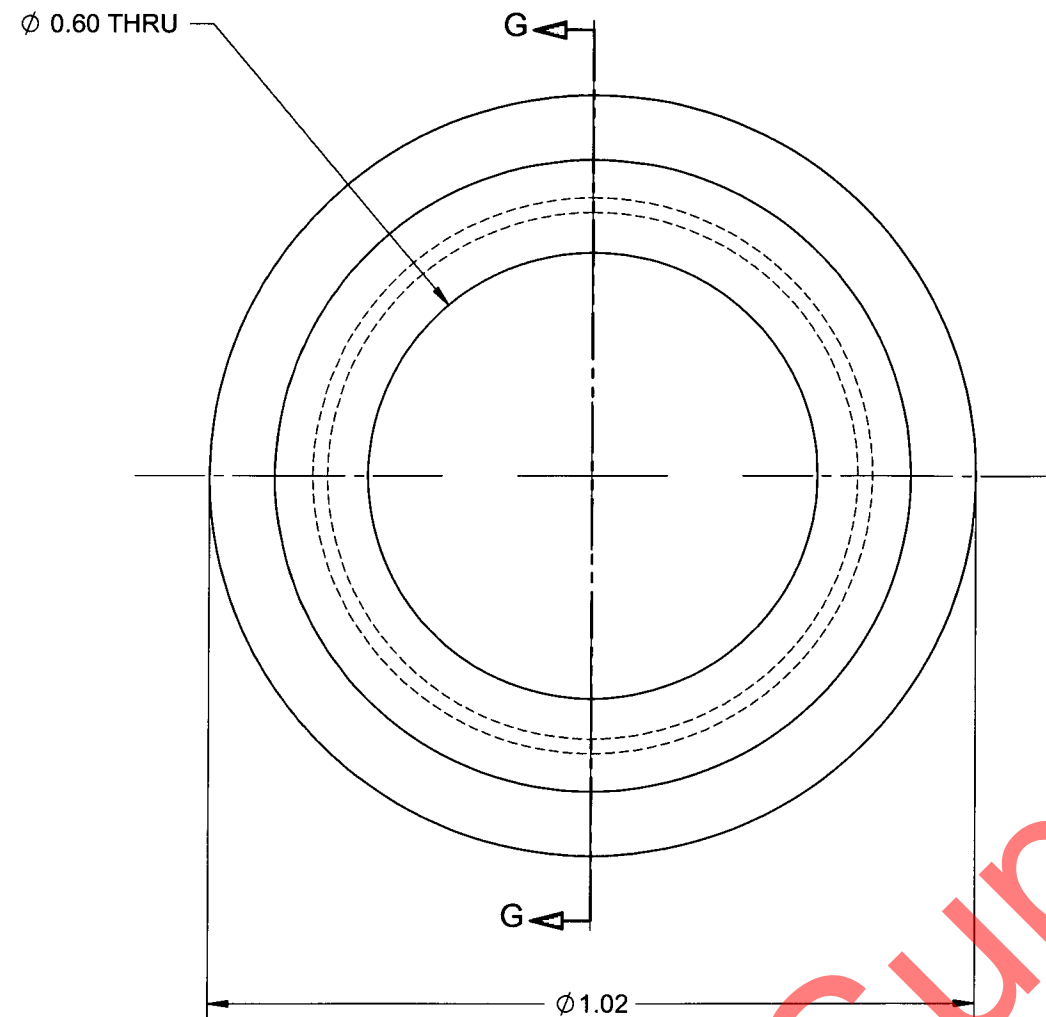
- NOTES:
- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR  
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR  
PER AMS-QQ-A-200/8 (OR AMS 4160)  
REF DART SPEC M6061T6R
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.10 lbs

APPROVED	DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
	DRAWN	ML		
	CHECKED	CP	DRAWING NO.	REV. C
	MFG. APPR.	DD	<b>D4000</b>	SHEET 6 OF 8
	APPROVED	MP	TITLE	SCALE
	DE APPR.	DS	<b>FITTING</b>	NTS
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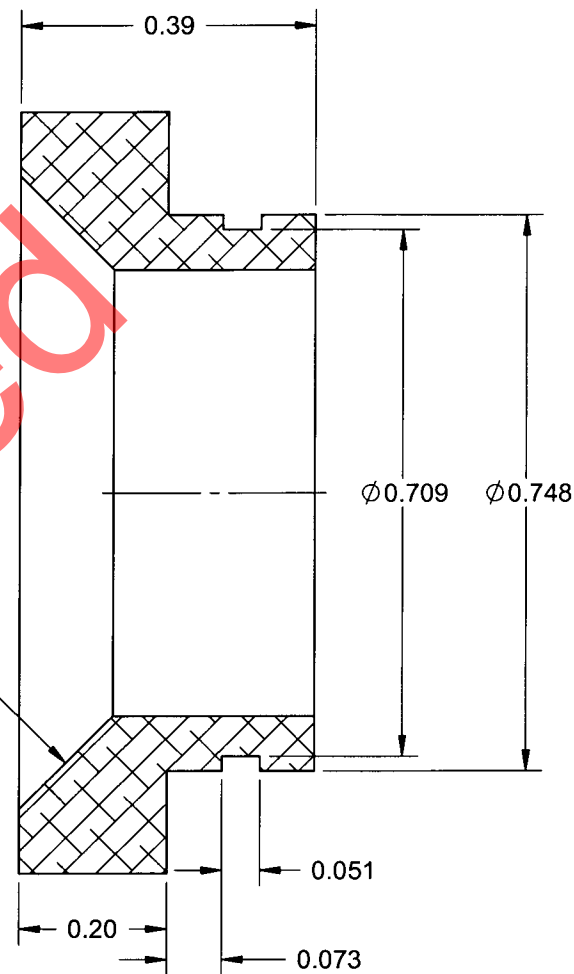
RELEASED  
2014 -07- 17  
*MD*



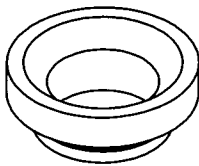
DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4000-9	JCA-M47-1-11



D4000-9 GROMMET



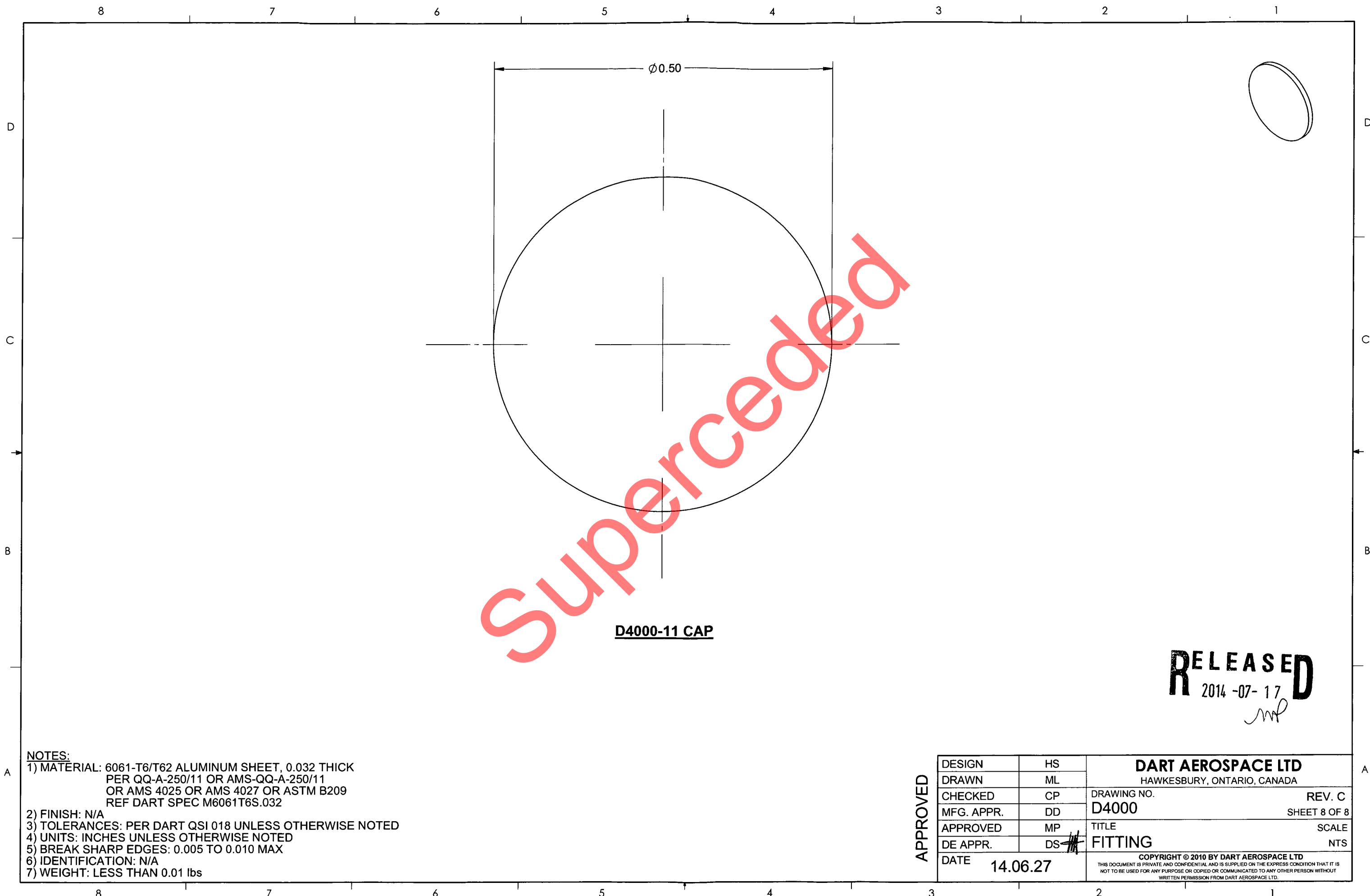
SECTION G-G



- NOTES:
- 1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL,  $\phi$ 1.000 ROUND BAR  
REF DART SPEC M-DELRIN-R1.000
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 METHOD 6.7
  - 7) WEIGHT: LESS THAN 0.01 lbs

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DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ML		
CHECKED	CP	DRAWING NO. D4000	REV. C
MFG. APPR.	DD		SHEET 7 OF 8
APPROVED	MP	TITLE FITTING	SCALE
DE APPR.	DS		NTS
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**D4000-11 CAP**

**RELEASED**  
2014-07-17  
*mp*

- NOTES:**  
1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.032 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027 OR ASTM B209  
REF DART SPEC M6061T6S.032  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: LESS THAN 0.01 lbs

APPROVED	DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
	DRAWN	ML		
	CHECKED	CP	DRAWING NO.	REV. C
	MFG. APPR.	DD	D4000	SHEET 8 OF 8
	APPROVED	MP	TITLE	SCALE
	DE APPR.	DS <i>[initials]</i>	FITTING	NTS
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